BULLETIN

OF THE

ESSEX INSTITUTE.

VOL. 3. SALEM, MASS., JUNE, 1871. No. 6.

One Dollar a Year in Advance. 10 Cents a Single Copy.

ANNUAL MEETING, WEDNESDAY, MAY 10th, 1871.

[*Concluded.*]

REPORT OF THE SUPERINTENDENT OF THE MUSEUM.

As the report of the Curators of the Historical Department will cover all that has been done in the Museum during the year, there is little for me to report except to state that the collection of antiquities and manuscripts has received the continued care of Messrs. Robinson and Upham, and that their arrangement has been satisfactorily advanced. The many specimens received by the Institute in the Natural History Department have been sent to the Peabody Academy of Science, in accordance with the agreement between the two Institutions, and have been duly acknowledged and cared for by the Academy.

I may be permitted in connection with this report to call attention to the importance of having a person who is thoroughly identified with the Historical Department of the Institute for Superintendent of the Museum, as it is to that department the Museum under his charge is now principally confined, and as my duties at the Academy

render it impossible for me to give the time necessary for the performance of the important duties devolving upon the Superintendent, I must respectfully request that some other person be elected to the office which I have had for so many years the honor of holding.

F. W. PUTNAM,
Supt. Mus. E. I.

TREASURER'S REPORT.

It will be perceived by the following exhibit that valuable additions have been made to the treasury during the year. The legacy of the late Charles Davis of Beverly, of five thousand dollars ($5,000) ; and donations from friends of fourteen hundred and eighty-two dollars and seventy-two cents ($1482.72), a nucleus of a publication fund, have been received and invested under the direction of the Finance Committee ; the income arising therefrom to be appropriated in accordance with the request of the donors. The receipts from the Ladies' Fair in November of sixteen hundred and sixty-four dollars and eighty-one cents ($1664.81) were expended for a piano, settees and other fixtures for the lecture and concert room.

DEBITS.

Athenæum, for rent and Librarian,	$350.00
Salaries, 688.00; Gas, 49.21; Coal, 156.87,	894.08
Sundries, 151.36; Social meetings and Excursions, 806.80,	958.16
Publications, 1800.00; furnishing Lecture Room, 1465.02,	3265.02
Deposit in Savings Bank, 30.00; Loans, 1642.72,	1672.72
Investment of Davis Legacy,	5000.11
Concerts and Musical Library,	886.62
Balance Account of last year,	160.23
Historical.	
Binding, 134.62; Books, 35.00,	169.62
Natural History.	
Binding, 100.00; Books, 11.10; Sundries, 16.70,	127.80
	13,484.36

CREDITS.

Dividends of Webster Bank, 40; Social Meetings and Excursion, 1207,	1247.00
Life Membership, 30.00; Donations, 1521.72; Sundries, 24.32,	1576.04
Oratorio and Institute Fair, 1664.81; Concerts (two seasons) 1005.38,	2670.19
Sale of Publications, 762.91; Assessments, 1330.00,	2092.91
Athenæum, proportion of coal, janitor, etc.,	139.38
C. Davis Legacy, 5000.00; Interest, 190.00,	5190.00
Balance,	335.97
Historical.	
Dividends Naumkeag Bank, 26; Michigan Central. R. R., 50.00,	76.00
Natural History.	
Dividends Lowell Bleachery, 80.00; P. S. & P. R. R., 12.87, Horticultural Exhibitions, 64.00,	156.87
	13,484.36

HENRY WHEATLAND,
Treasurer.

LIBRARIAN'S REPORT.

The condition of the Library is good. Attention has been directed to completing the serials, more especially the reports and other publications of the various institutions and corporate bodies, and commendable progress has been made.

As the additions by donations, exchanges and otherwise, have been reported at the regular meetings and printed in the BULLETIN, it is only requisite to present at this time the following statistics:—

Donations.—Folios, 20; Quartos, 46; Octavos and lesser folds, 879; Pamphlets and Serials, 4,449; Almanacs, 62; Total, 5,456.

Exchanges.—Quartos, 5; Octavos and lesser folds, 227; Pamphlets and Serials, 1,791; Total, 2,023.

The Donations have been received from one hundred and forty-seven individuals, and sixteen societies and incorporated bodies; the Exchanges from eighty-five different societies and incorporate bodies of which thirty-nine are foreign.

W. P. UPHAM,
Librarian.

The President made the following communication:

The subject of erecting a Monument, a Memorial Hall, or of testifying by some mark of esteem to those who took part in the recent war for the Union, has been discussed in the newspapers and in the social circle. The City Government has also had at different times several plans under consideration, but no definite action has thus far been taken.

It has also been frequently stated with much regret that Salem has no Public Library, and that in this respect she is far behind her neighbors, Lynn, Peabody, Danvers, Beverly, Ipswich, Georgetown, Newburyport and other places, which each have a well sustained Library. In most of these cases the liberality of one or more of its citizens, or of some of its sons, who have been fortunate in commercial or other enterprises elsewhere, remembering the places of their birth and childhood with grateful feelings, gave the first impulse. Thus, Mr. George Peabody founded those at Peabody, Danvers, and Georgetown, and contributed a liberal fund to the one in Newburyport, which owes its origin to the generosity of Mr. Little. Mr. Heard erected a building, furnished a collection of books and a fund, for at least its partial support, in the town of Ipswich. The Public Library in Boston was indebted largely, in its incipient stages, to Mr. Joshua Bates. Mr. Albert Fearing followed the example of Mr. Heard, and founded a library for his native town of Hingham. Mrs. Eben Sutton founded a reference library in Peabody, in connection with the Institute of that place. The Messrs. Smith and Dove contributed liberally to one in Andover, and also built at their own expense a beautiful building for the library of the Theological Seminary there located. Many instances of a similar character can be cited.

Let us look at the condition of things in Salem. The

Salem Athenæum, founded many years since by the wisdom of those far seeing people who resided here in the early part of this century, possesses some fifteen thousand volumes in the various departments of the arts, literature and science, and a building erected from funds bequeathed by Miss Caroline Plummer. This lady, presuming that the Athenæum Library might at some future time be thrown open to the public, provided in her will that if the said library should ever become a public one, her bequest should not be forfeited.

The Essex Institute has accumulated a library of some twenty-five to thirty thousand volumes and about one hundred thousand pamphlets systematically arranged for reference and consultation; also a goodly collection of portraits of the old worthies of Salem; manuscripts, specimens of currency, historical relics, etc., which are deposited in Plummer Hall. The scientific collections, which are very extensive, having been deposited with the Trustees of the Peabody Academy of Science in East India Marine Hall.

Cannot some arrangement be made so that these two libraries, with that belonging to the Salem Charitable Mechanic Association, and perhaps others, be united, and thus form a basis for a noble public Library? Are there not some Mæcenases to furnish the amalgam that will cement the union, and thus bring about this glorious result?

Furthermore, on the land in the rear of Plummer Hall, a safe and fire-proof building could be erected, which might be a MEMORIAL HALL, consecrated to the memory of those who have devoted their lives to the preservation of the Union during the crisis through which this nation has recently passed. Let this building be a place of deposit for the portraits and other memorials of those who first

laid the foundations of this place; of those who have conducted the affairs during the several periods of her history; and, above all, of those who took part in the recent war for the preservation of the Union. This building would also be a suitable depository for an Art Museum, which now is becoming an essential aid to the proper education of the people.

The care and management of the library and the Memorial Hall, could devolve upon a board of Trustees, selected by the city and the various institutions that may contribute to this object.

To this end it is necessary that not only the City Government, but the people, one and all, should aid in this undertaking to the extent of their respective means, and work with the determination that success shall crown their efforts. Let us make a beginning, and we shall soon have a Public Library that will compare favorably with those of other places in the Union, material which will be a good nucleus for a valuable Art Museum, and a very rare collection of antiquarian relics.

Thus, while we shall be doing honor to those to whom we owe so much, we shall provide a suitable depository for works of art and historical relics, for the education and improvement of the people.

This communication was referred to a committee, consisting of the President, Vice Presidents and Secretary, with the request to report whenever a plan for the realizing of any of the suggestions therein contained should be sufficiently matured for the action of the Institute.

George H. Perkins of Salem and George Haskell of Ipswich were elected resident members.

The following officers were elected for the ensuing year, and until others shall be chosen in their stead : —

President.

HENRY WHEATLAND.

Vice Presidents.

Of History — A. C. GOODELL, JR. *Of Horticulture* — WM. SUTTON.
Of the Arts — GEO. PEABODY. *Of Natural History* — F. W. PUTNAM.

Recording and Home Secretary.

AMOS H. JOHNSON.

Foreign Secretary.

A. S. PACKARD, JR.

Treasurer.

HENRY WHEATLAND.

Librarian.

W. P. UPHAM.

Superintendent of the Museum.

JOHN ROBINSON.

Curators of Historical Department.

W. P. Upham, M. A. Stickney, John Robinson.

Curators of Natural History Department.

H. F. King, C. M. Tracy, William Neilson.

Curators of Department of Horticulture.

John Robinson, Caleb Cooke, James H. Emerton.

Curators of Department of the Arts.

James A. Gillis, F. H. Lee, H. F. G. Waters.

Lecture Committee.

James Kimball, George Perkins, Wm. Northey, Wm. Neilson.

Finance Committee.

J. C. Lee, R. S. Rogers, James Upton.

Field Meeting Committee.

A. W. Dodge, C. M. Tracy, E. N. Walton, Caleb Cooke, A. B. Hervey.

Library Committee.

J. G. Waters, Alpheus Crosby, H. M. Brooks.

Publication Committee.

A. C. Goodell, Jr., F. W. Putnam, R. S. Rantoul, H. M. Brooks.

Regular Meeting, Monday, May 15, 1871.

Mr. James Kimball in the chair, after the reading of the records and announcement of recent donations to the Historical departments and the Museum, the Secretary, Dr. A. H. Johnson, presented some

MEMENTOES FROM THE RECENT FRANCO-GERMAN WAR.

These were collected by the donor in the vicinity of Paris from the battle field of Mt. Avron, from Fort Rosny, and the grounds about St. Cloud. They included pieces of German bombs, a fragment of a gun carriage, and a portion of marble from the ruined Palace of St. Cloud. In his narrative of the circumstances under which these mementoes were obtained, the secretary stated that at the time the German troops made their triumphal entry into Paris, the French expressed their aversion to their conquerors with a childish sulkiness. The faces of the public statues were concealed with black veils. The shops and restaurants accessible to the Germans were closed. Some adventurous dealers who furnished food and drink to Prussian soldiers speedily found their gains cancelled by the demolition of their windows and counters. At night the streets were unlighted, not because there was no gas, but in order that the hated invaders might not see the magnificent city which lay at their mercy. It was an aggravating circumstance that the pale light of the moon revealed in some measure the magnificent buildings and Boulevards. By day, many of the Parisians avoided the quarters of the city occupied by the Germans, avoided even looking upon the marching columns of their foe, and shrunk in turn from being seen by them. The stranger from a neutral power enjoyed at this time unusual facilities for visiting localities which had acquired peculiar interest during the recent con-

flicts. If provided with a proper passport, he was allowed to cross the French lines, although not unchallenged, yet unmolested, and after a drive of a few hundred yards, would find himself in a district occupied almost exclusively by Germans. Hardly a villager belonging to the small villages outside the city walls, had ventured to remain by his property. The triumphant Germans were filled with content, and good nature, and cordially courteous to the few Americans who came to inspect the obstacles which had been overcome, and to learn the dangers German heroism had faced and survived.

It was owing to this condition of the troops, that a common travelling pass bearing the official seal and endorsement of the foreign department at Berlin, dated four days previous, secured for its bearer admission to forts Valerian and Rosny, and past German sentries to the heights of Mt. Avron.

With the exception of such relics of the late battles as the German troops had removed, the field of conflict seemed ungleaned. Although it was well known that terms of peace had been signed; during a day's ramble among the forts and over battle fields but a few miles outside Paris, not a Frenchman was met. Fragments of shell of which those exhibited were specimens, lay thickly strewn over the heights of Mt. Avron, and showed at a glance, how untenable the Germans, by their concentrated fire, had made this advanced position of the French.

The effect of the German fire upon Fort Rosny, one of the most severely bombarded of the works about Paris, showed the impracticability of large barracks in the interior of forts. For such buildings furnish an excellent mark for the enemy, and precarious shelter for troops. The large stone buildings in Rosny had been, as it were, eviscerated by exploding bombs, and converted

into heaps of ruins within bare stone enclosures, while the external walls of the forts seemed to have sustained no injury which could not be quickly repaired by night work.

On driving over to the grounds about the Palace of St. Cloud, it was surprising to find the ruins of the Palace so little frequented by curious visitors. Amid the ruins there were many things worth removal for curious keep-sakes, and the ornaments about the Palace gardens broken by shot and shell offered many a tempting fragment to the visitor. It is not to be wondered at, that at a later day, foreigners visiting this unprotected property, should yield to the demoralizing influence of the surrounding ruin, and almost with the feeling that they were saving from oblivion some precious relics, bring away with them portions of broken statues, and even break portions from others already hopelessly disfigured, by the iron rain which had fallen about them.

With the mementoes above enumerated, Dr. Johnson also presented some specimens of the "Erbs wurst" or Pea-sausages, so largely used as rations by the Prussian army, and commemorated in the verses of Hans Breitmann when describing "Breitmann in Bivouac"—

"He sits in bivouacke,
By fire, peneat' de drees;
A pottle of Champagner
Held shently on his knees;
His lange Uhlan lanze
Stuck py him in de sand;
While a goot peas-poodin' sausage adorns his oder hand."

These sausages were invented by a German cook by the name of Grünberg who sixteen years ago furnished similar ones for a marine expedition to Japan. Since that time having improved his invention, Counsellor Engelhard at the beginning of the late war, recognized the importance of the production—tested it with the third army

Corps and the Guards, and soon contracted for one million of these sausages, assuring to the inventor a premium of thirty-five thousand thalers. Before the needs of the government were supplied, Engelhard's manufactory produced about *nine million pounds* of "Erbs wurst." They are made from ground peas and *fat* pork intimately mixed, and compressed into a large intestine. They are in size from five to eight inches long and three inches in diameter. A section three inches long from one of these cylindrical masses, when dissolved in boiling water, furnishes a hearty meal for one man, containing as it does a suitable proportion of vegetable and animal food.

These specimens presented to the Institute were given to the donor by Fraülein von Bismarck, a cousin of Prince Bismarck, who with self-denying patriotism imitated by many German ladies of noble family, had left her comfortable home to watch over the interests of the wounded soldiers at the hospital barracks at Berlin. There she took charge of the cooking department which was a pattern of system and cleanliness. From the stores she presented these specimens of condensed food, which are now, according to a pledge to her, deposited in the historical collections of the Institute.

The manufactory which furnished the "Erbs wurst" employed two thousand men at one time, produced one hundred and twenty thousand pounds of "Erbs wurst," and two hundred thousand pounds of other conserves, and worked over the flesh and bones of six thousand oxen.

The secretary presented also specimens of silver ore from the mines of Saxon Freiberg, giving at the same time an account of a descent into these mines.

F. W. Putnan gave a very clear and instructive description of the process of manufacturing type.

The PRESIDENT presented a map of Hawaii exhibiting the volcanic eruptions of 1822–1840–1852–1855–1859, and 1868, given to the Institute by Stephen H. Phillips, Esq.

The LIBRARIAN announced the following additions since the meeting of the 10th inst:

Donations.

BEAMAN, CHARLES C., Jr. The Alabama Claims. 1 vol. 8vo.

BUTLER, Hon. B. F., M. C. Porter's Speech in U. S. H. R., April 4, 1871. Butler's Speech in U. S. H. R., April 20, 1871. 8vo pamph.

CITY OF BOSTON. Boston City Documents for 1870. 3 vols. 8vo.

DEPARTMENT OF THE INTERIOR. U. S. Geological Survey of Wyoming and Contiguous Territories. 1870. 1 vol. 8vo.

FOOTE, CALEB. Files of several county papers for Feb., March and April, 1871.

GREEN, S. A., of Boston. Miscellaneous pamphlets, 14.

HYATT, A. Miscellaneous pamphlets, 25.

JOHNSON, SAMUEL. The Worship of Jesus. 12mo pamph.

PERKINS, GEO. A. The Spirit of Missions, 19 Nos. The Schoolmate, 4 Nos. History of the Worcester Family. 1 vol. 8vo. The Court and City Kalendar of London for 1766. 1 vol. 16mo. Farmer's Almanacs from 1804 to 1862 inclusive. Miscellaneous pamphlets, 13.

Exchanges.

BIBLIOTHÈQUE UNIVERSELLE ET REVUE SUISSE. Archives des Sciences Physiques et Naturelles, Nos. 156, '7, '8. 1870–71. 3 pamphlets, 8vo.

BOSTON PUBLIC LIBRARY. Bulletin for April, 1871.

IOWA STATE HISTORICAL SOCIETY. Legislative Documents for 1870, 2 vols. 8vo. Legislative Supplement, 1870, 1 vol. 4to. Laws of Iowa, 1870. 1 vol. 8vo. House Journal, 1870. 1 vol. 8vo. Iowa Insurance Reports, 1868, '69. 2 vols. 8vo. Iowa Agricultural Report, 1869, 1 vol. 8vo. Census of Iowa, 1869, 1 vol. 8vo. Geology of Iowa, 2 vols. 4to. Senate Journal, 1870. 1 vol. 8vo. The Annals of Iowa for April, 1871. 8vo pamph.

MASSACHUSETTS HISTORICAL SOCIETY. Collections of. Fourth Series, Vol. IX. 1 vol. 8vo.

NEW YORK STATE LIBRARY. Annual Report of the Trustees, 1871.

NEW YORK LYCEUM OF NATURAL HISTORY. Annals. Vol. IX. No. 13.

PUBLISHERS. American Literary Gazette. Christian World. Eclectic. Essex Banner. Gardener's Monthly. Gloucester Telegraph. Hardwicke's Science Gossip. Haverhill Gazette. Lawrence American. Little Giant. Lynn Reporter. Lynn Transcript. Nation. Nature. Medical and Surgical Reporter. Peabody Press. Salem Observer.

The SECRETARY announced the following correspondence:

Boston Society of Natural History, May 5; Iowa State Historical Society, May 4; Charles C. Beaman, Jr., New York, May 6; John T. Carter, Salem, May 15; A. L. Huntington, Beverly, May 14; A. Lackey, Haverhill, May 1; W. Neilson, Salem, May 12; J. Pearson, Schenectady, N. Y., May 4; Geo. H. Preble, Charlestown, May 1; A. A. Scott, Saugus, May 8.

Field Meeting at North Beverly, June 15.

THE RAMBLE.

The Institute, with her ripe experience in Field Meetings, was not to be allured, by the almanac announcement that spring was present, into rambles over fields doubtfully released from the dominion of winter—wet, cold, and showing only at wide intervals, the green of some venturesome plant pitifully striving for life; it might find its own predicament too exactly typified in some of the stunted plants, which, alternately cheered by days of sunshine and disheartened by nights of frost, seemed repressed and discomforted. Young enough to be enthusiastic, the Institute is now far enough removed from extreme youth to have her enthusiasm tempered by good judgment, therefore she selected a day in the middle of the first month of summer, to lead her disciples and friends for the first time this year, into fields well stored by nature with forms of life. But

> "The best laid schemes o'mice an' men
> Gang aft a-gley."

The morning which should have proved inviting, threatened to drench all who should venture from shelter, and these threatenings kept so many cautious persons at home, that not more than one hundred ladies and gentlemen presented themselves for the start.

The region selected for examination, was in North Beverly. To reach it, the excursionists from Salem took an early train at the Eastern Railroad depot. On dismounting, after a brief ride, Mr. Daniel Welch appeared and greatly lightened the cares, and added to the comfort of the party, by taking the provisions and all superfluous baggage to Mystic Hall, where in due time the collation was to be served.

The chief objects of interest in this locality are Wenham Lake and the Salem Water Works upon its shore. To these more permanent features, nature, but four days previous, had added the fortunately rare spectacle of the path of a tornado, clearly defined by uprooted trees, and houses demolished or twisted from their foundations.

Wenham Lake, by reason of the picturesqueness of its situation and the quiet beauty of its shore, has long allured innumerable visitors, who have widely spoken its praise. The selection of its waters to supply the city of Salem, and the consequent construction of the necessary reservoir and machinery upon its border, have greatly added to its local reputation. But the purity of its waters have long given it a *transatlantic* fame. About the streets of London, and other English cities, one frequently sees upon carts and signs, the words, "Wenham Lake Ice." Probably not one-half of the ice thus advertised, has really crossed the seas. We are suspicious that the genuine value of the word Wenham, prefixed to ice as indicative of excellence, has proved too great a temptation to dealers who would affix some superlative term to their productions.

The reservoir on Chipman's Hill, and the engine and pumping machinery, together with all the apparatus of the Salem Water Works, received the first attention of the Institute party. For here was not only one of those proofs of human power, which make one more pleasingly conscious of the possibilities of manhood, but enhancing the beauty of the machinery, more than the floral decorations, was the sense of partial ownership, which each citizen of Salem might rightly feel.

Capt. Daniel H. Johnson, the superintendent of the works, by his clear and patient description of their details, won the gratitude of the entire party.

A few of our number visiting the outlet of the lake, were fortunate in witnessing the passage of the dam by thousands of Alewives, on their way to the ocean. Mr. Putnam directed attention to a peculiar manœuvre of the fish, and stated that it was a habit of all species, to turn the head up stream and to pass over falls tail foremost. By this means they escape two dangers; one, that of strangulation, which might otherwise occur from the water coming violently in contact with the delicate membrane of their gills, the other that of fracture of their scales, the latter by no means a light injury, since the place of the broken scales soon becomes the site of a fungous disease which is quite generally fatal.

Other interesting localities were not neglected by our ramblers. Several old buildings and landmarks were duly inspected by those especially interested in antiquities; at half past one o'clock all repaired to the hall, where the collation stood in waiting and received due attention.

At 3 P. M. the meeting for discussions and reports was held in the church, and Hon. Allen W. Dodge, was invited to preside. Records of preceding meeting read.

The SECRETARY announced the following correspondence:

Boston Public Library, May 26; Buffalo Historical Society, May 22; Buffalo Society of Natural Sciences, May 31; New York Historical Society, May 20; New York Mercantile Library Association, May 23; New York State Library, May 30; Ohio Historical and Philosophical Society, May 25; Quebec Literary and Historical Society, May 30; Western Reserve and Northern Ohio Historical Society, June 12; William Clagston, Springfield, May 23; J. Colburn, Boston, June 8; E. H. Dalton, Taunton, June 2; Frank E. Hotchkiss, New Haven, May 19, June 2; Andrew W. Morgan, New York, May 24; Edwin Noyes, Waterville, Me., June 12; J. Prescott, Boston, June 8; M. A. Stickney, Salem, May 24; Westerman & Co., New York, May 26.

The LIBRARIAN reported the following additions:

By Donations.

ALLEN, J. F. Patent Office Reports, 1848 to 1854, 4 vols. 8vo. Report on Agricul-

ture, 1865 to 1868, 5 vols. 8vo. Christian Examiner, 95 Nos. Journal of Foreign Literature, 8 Nos. Boston Cultivator, 48 Nos. Christian Register, 53 Nos. Journal of the American Unitarian Association, 126 Nos.

ALMON, A. B. Miscellaneous pamphlets, 75.

BENSON, L. B. A Dissertation on Geometry. 12mo pamph.

BOARD OF PUBLIC CHARITIES OF PENNSYLVANIA. Report for 1870, 1 vol. 8vo.

BROOKS, C. T., of Newport, R. I. Roman Rhymes, 12mo. Cambridge, 1869.

CANADIAN GEOLOGICAL SURVEY. Geology of Canada, 1866 to 1869, 1 vol. 8vo.

CITY OF SALEM. City Documents, 1870-'71, 1 vol. 8vo.

CLEVELAND, Mrs. W. S. Miscellaneous volumes, 143. Columbian Sentinel, 37 Nos. Essex Register, 71 Nos. Miscellaneous pamphlets, 25.

ESSEX AGRICULTURAL SOCIETY. Transactions. 1870. 8vo.

GREEN, S. A., of Boston. Report of the Boston Provident Association, 1861-'67. 1 vol. 8vo. Miscellaneous pamphlets, 13.

HEWES, JAMES T. Miscellaneous pamphlets, 21.

LEE, JOHN C. Commercial Bulletin for May, 1871.

MORSE, E. S. Miscellaneous pamphlets, 21.

NATIONAL ASSOCIATION OF WOOL MANUFACTURES. Bulletin, April, 1871.

PAINE, NATH'L, of Worcester. Worcester Directories for 1868-'69-'70, 3 vols. 8vo.

PUTNAM, Mrs. EBEN. Andrews against Universalism, 1 vol. 12mo. Dictionary of Self Knowledge, 1 vol. 8vo.

SUMNER, CHARLES, U. S. S. Report on Agriculture for March and April, 1871.

WALKER, FRANCIS. Notes on Chalcidiae, 12mo pamph., 1871.

WHEATLAND, STEPHEN G. American Law Register, 28 Nos. Miscellaneous pamphlets, 25.

Exchanges.

ARCHIV FÜR ANTHROPOLOGIE. Vierter Band, 4to. Braunschweig, 1871.

BIBLIOTHEQUE UNIVERSELLE ET REVUE SUISSE. Archives des Sciences Physiques et Naturelles, No. 159.

BOSTON SOCIETY OF NATURAL HISTORY. Proceedings, Vol. XIII, sigs. 26, 27, 28.

GEORGIA HISTORICAL SOCIETY. Constitution, By-Laws, and List of members. Savannah, 1871.

HOTCHKISS, FRANK E., of New Haven, Conn. New York Farmer, 1 vol. 4to, New York Directory, 1864, 1 vol. 8vo. Ohio Statistics, 1 vol. 8vo. History of the North Church in New Haven, 1 vol. 8vo. Memoirs of the Connecticut Academy, Vol. I, Part I. Tales of the Puritans, 1 vol. 12mo. Miscellaneous pamphlets, 133.

KÖNIGLICH BAYERISCHEN AKADEMIE DER WISSENSCHAFTEN, IN MÜNCHEN. Sitzungsberichte, II Heft 1-4, 1870; Denkschrift auf C. E. H. von Meyer, von C. A. Zittel, 1870.

MARYLAND HISTORICAL SOCIETY. A Lost Chapter in the History of the Steamboat. By J. H. B. Latrobe. 8vo pamph.

SMITHSONIAN INSTITUTION. Contributions to Knowledge, Vol. XVII, 4to, 1870.

SOCIETE DE PHYSIQUES ET D'HISTOIRE NATURELLE, IN GENÈVE. Memoires, Tome XX.

TAUNTON PUBLIC LIBRARY. Report of the Trustees, 1870.

VEREINS FÜR ERDKUNDE, in Darmstadt. Notiz blatt, III Folge, IX Heft, 1870.

ZOOLOGISCHE GESELLSCHAFT. Zoologische Garten, XI Jahrg., Nos. 7-12, 1870.

PUBLISHERS. American Literary Gazette. American Naturalist. Christian World. Eclectic. Fireside Favorite. Gardener's Monthly. Gloucester Telegraph. Haverhill Gazette. Historical Magazine. Land and Water. Lawrence American. Literary World. Little Giant. Lynn Reporter. Lynn Transcript. Medical and Surgical Reporter. Nation. Nature. Peabody Press. Sailor's Magazine. Salem Observer. Silliman's Journal. Sotheran's Catalogue.